

FIG. 1

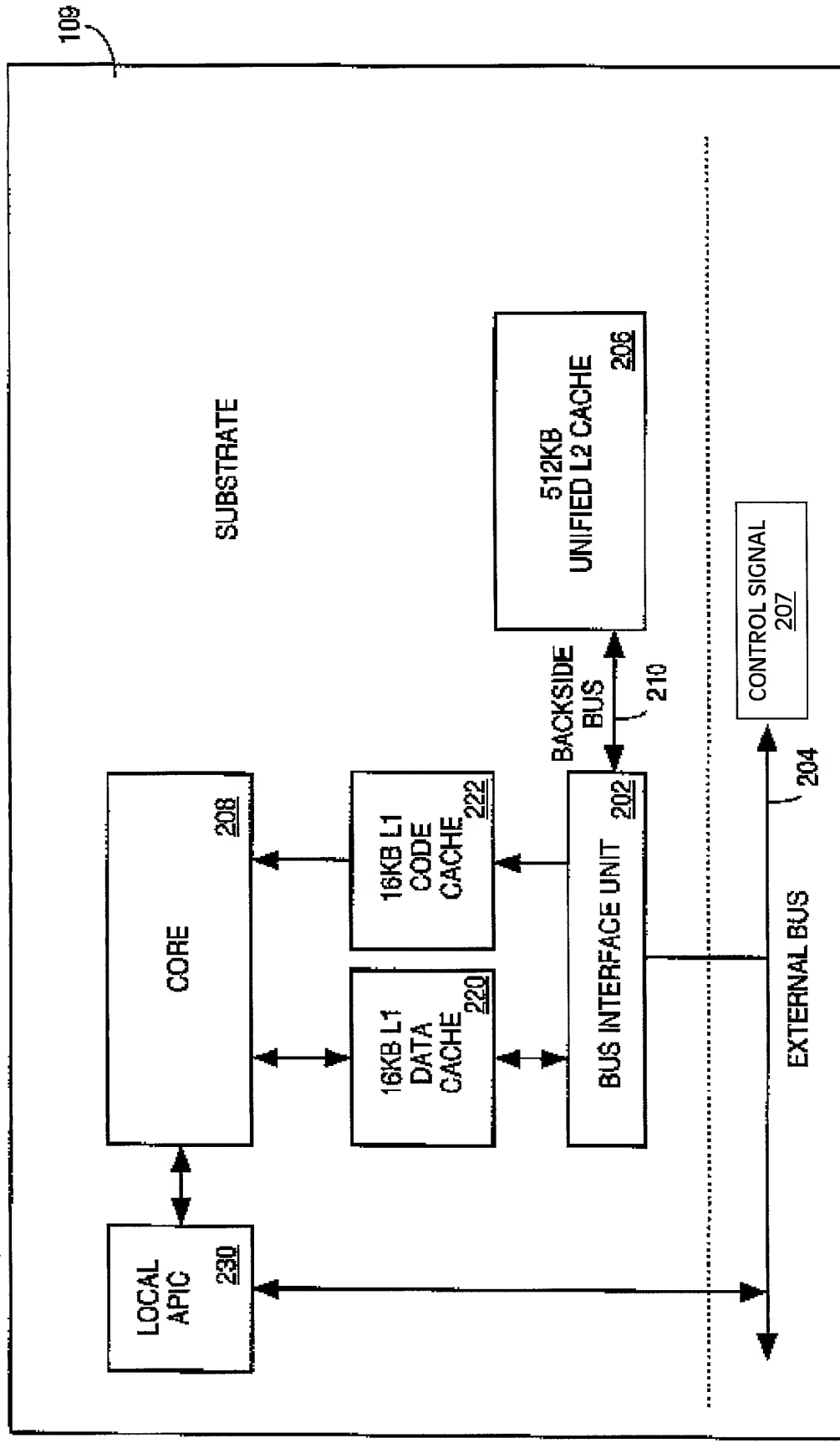
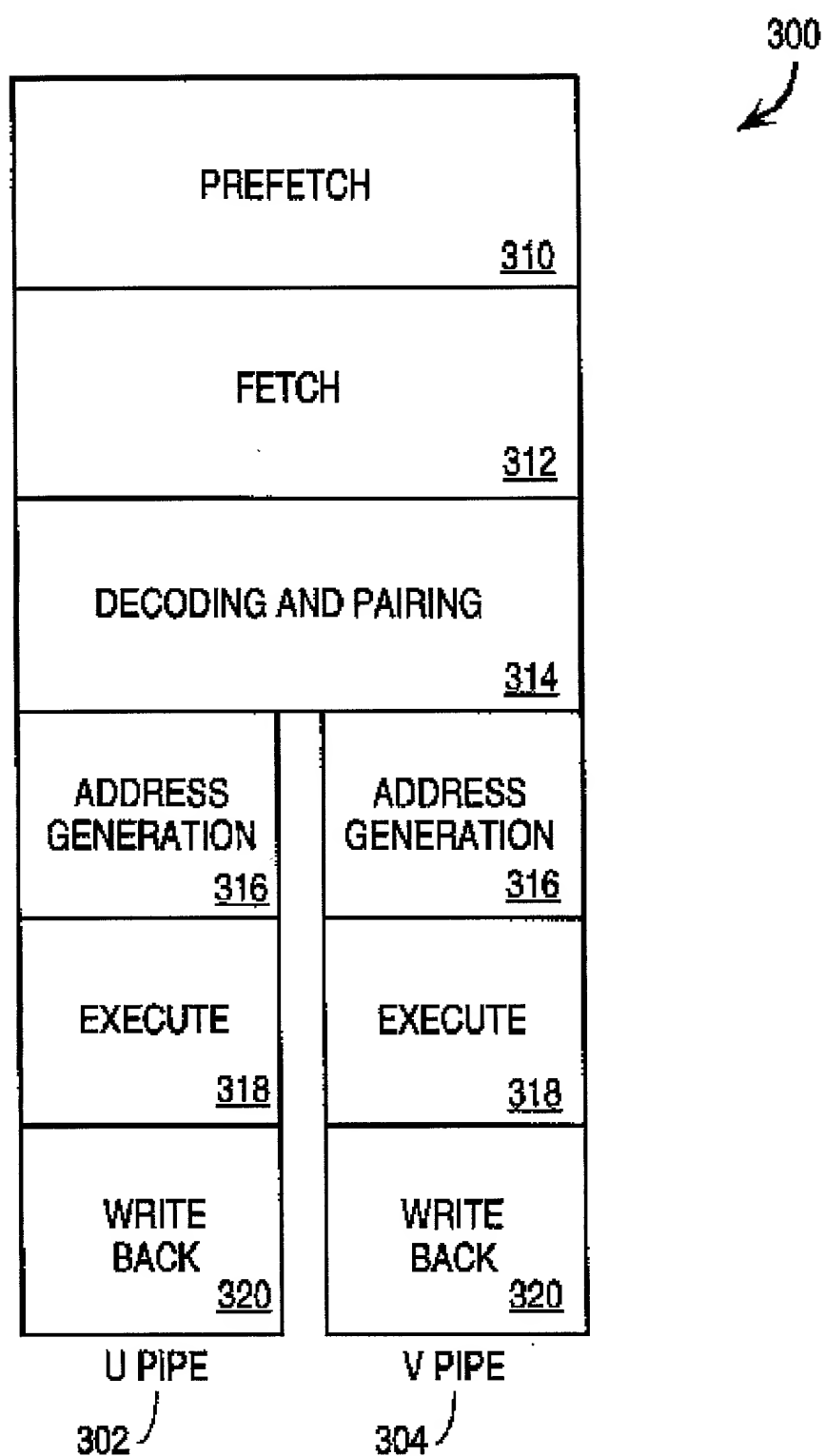


Fig. 2

**Fig. 3**

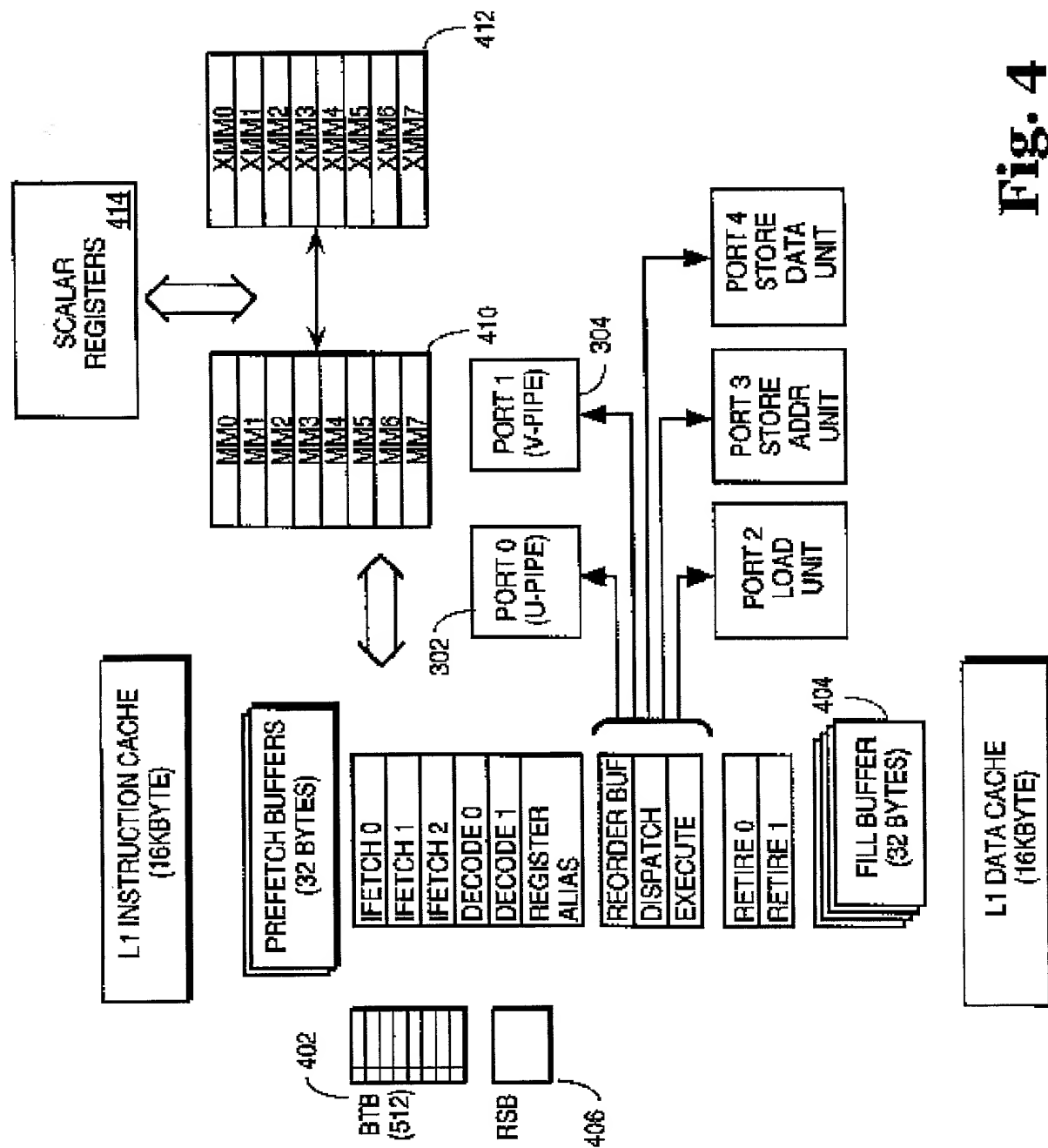


Fig. 4

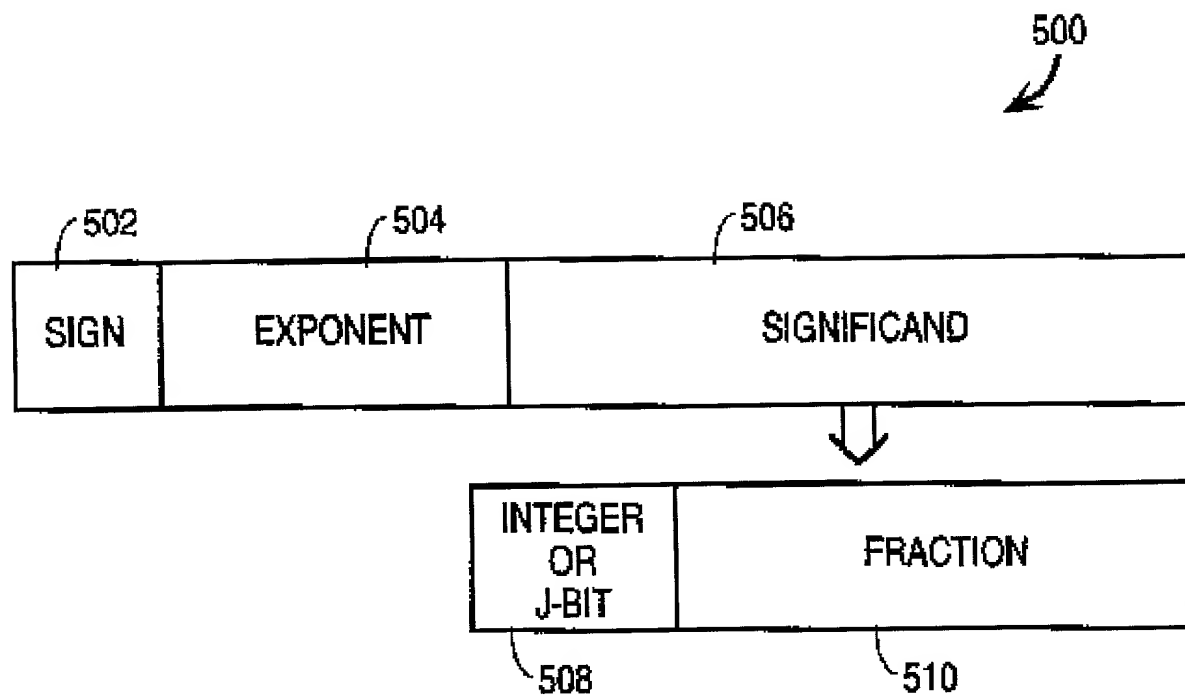
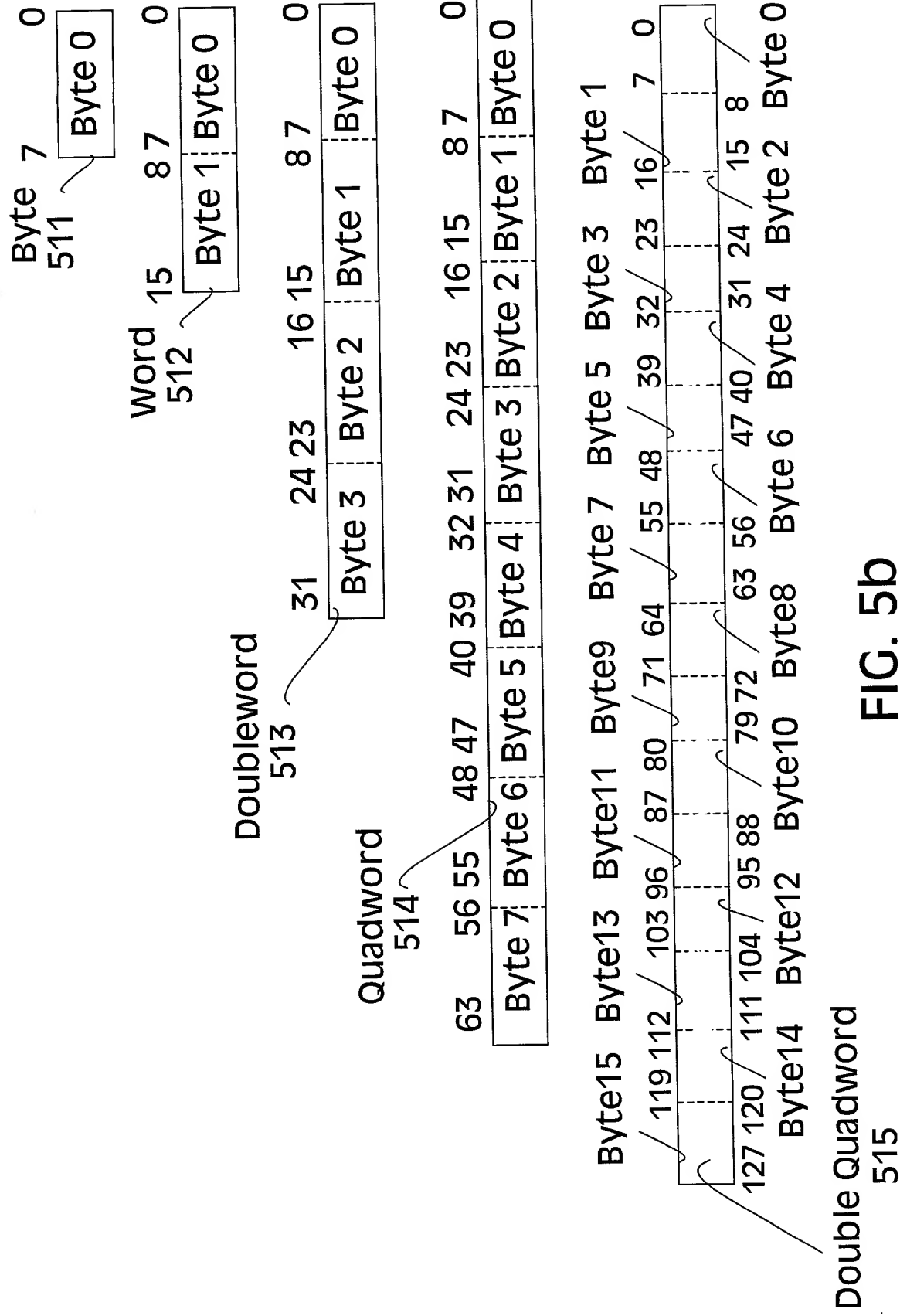


FIG. 5a



|        |        |        |        |        |        |        |        |   |
|--------|--------|--------|--------|--------|--------|--------|--------|---|
| 63     | 56 55  | 48 47  | 40 39  | 32 31  | 24 23  | 16 15  | 8 7    | 0 |
| Byte 7 | Byte 6 | Byte 5 | Byte 4 | Byte 3 | Byte 2 | Byte 1 | Byte 0 |   |

**Packed Byte 521**

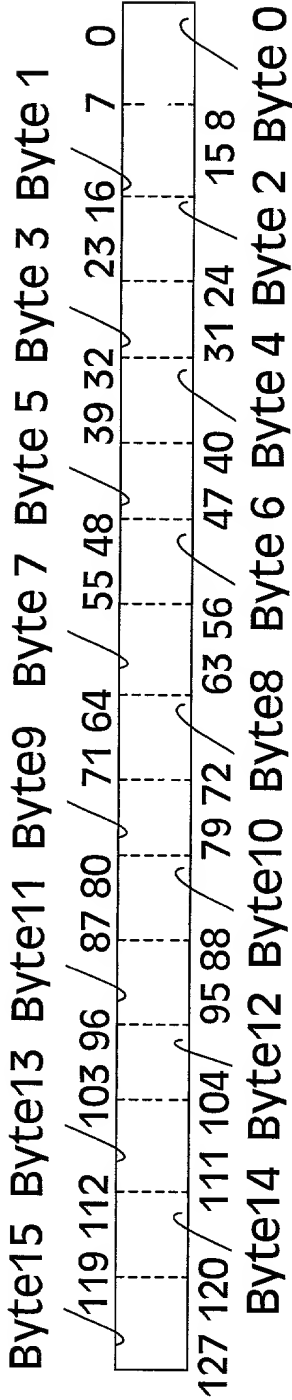
|        |        |        |        |   |
|--------|--------|--------|--------|---|
| 63     | 48 47  | 32 31  | 16 15  | 0 |
| Word 3 | Word 2 | Word 1 | Word 0 |   |

**Packed Word 522**

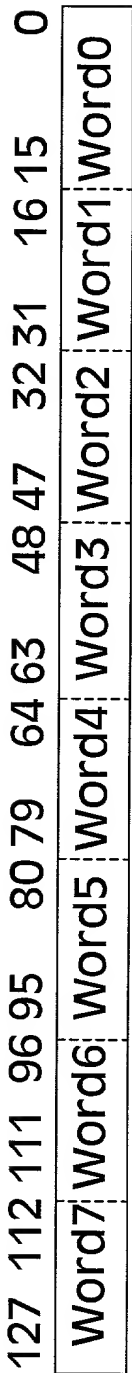
|              |              |   |
|--------------|--------------|---|
| 63           | 32 31        | 0 |
| Doubleword 1 | Doubleword 0 |   |

**Packed Doubleword 523**

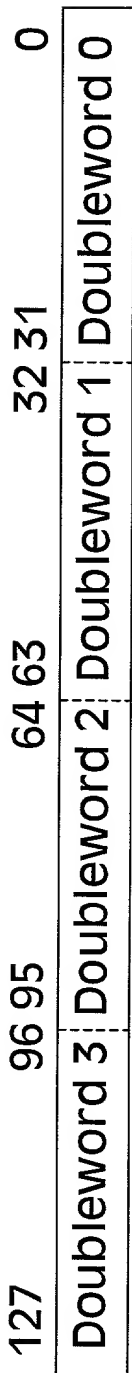
**FIG. 5C**



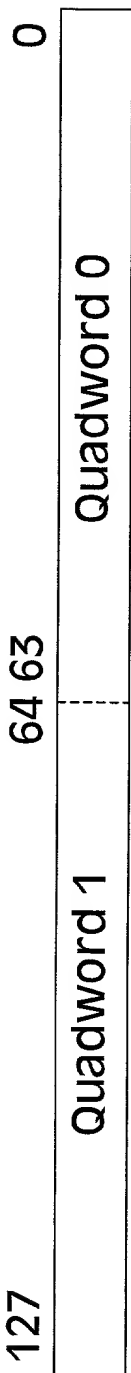
**Packed Byte 524**



**Packed Word 525**



**Packed Doubleword 526**



**Packed Quadword 527**

FIG. 5d



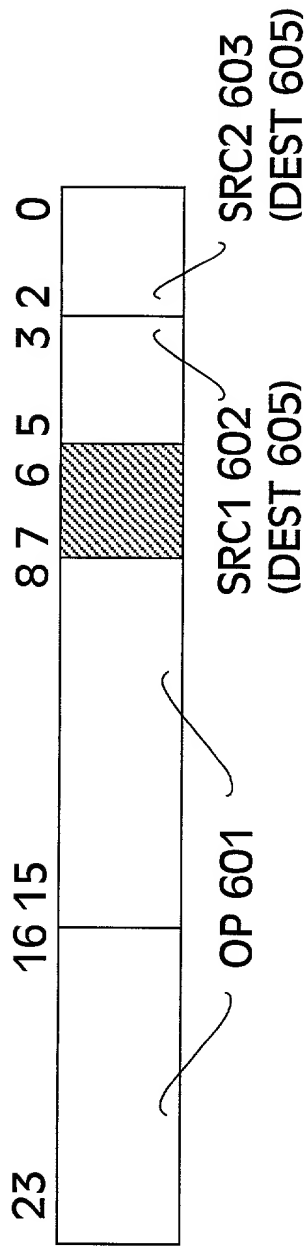


FIG. 6a

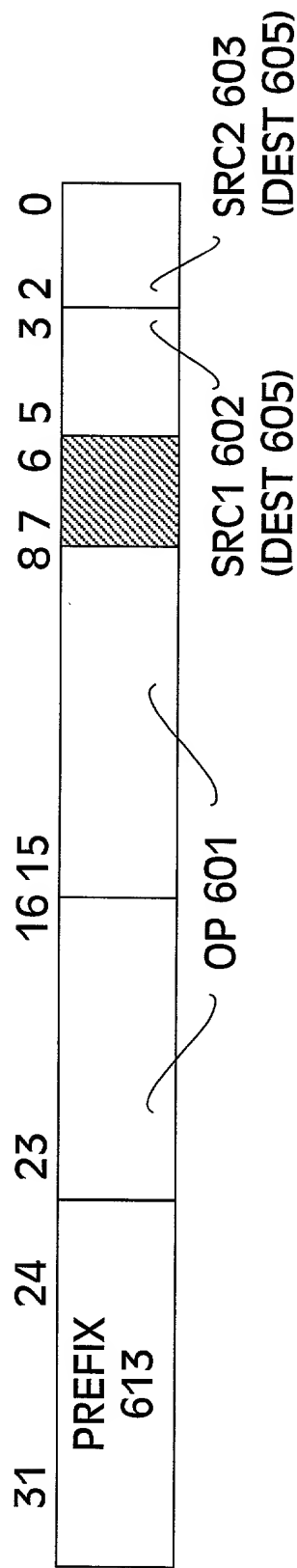


FIG. 6b

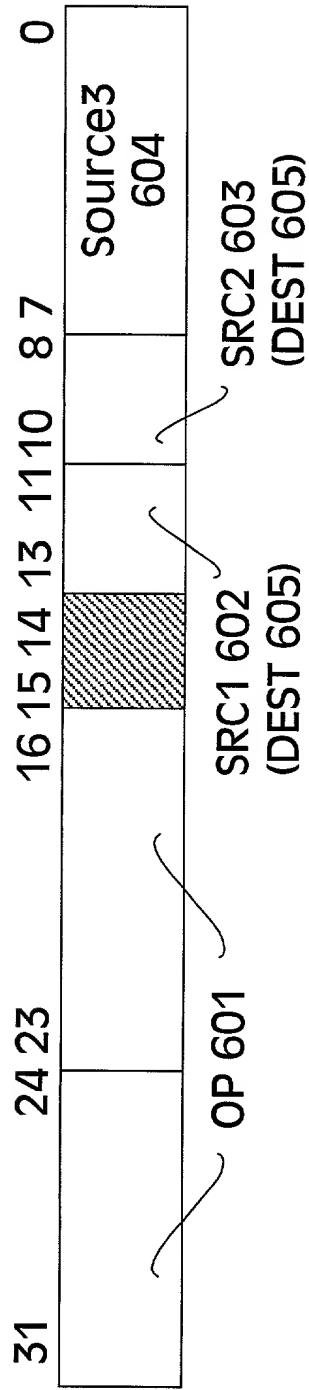


FIG. 6C

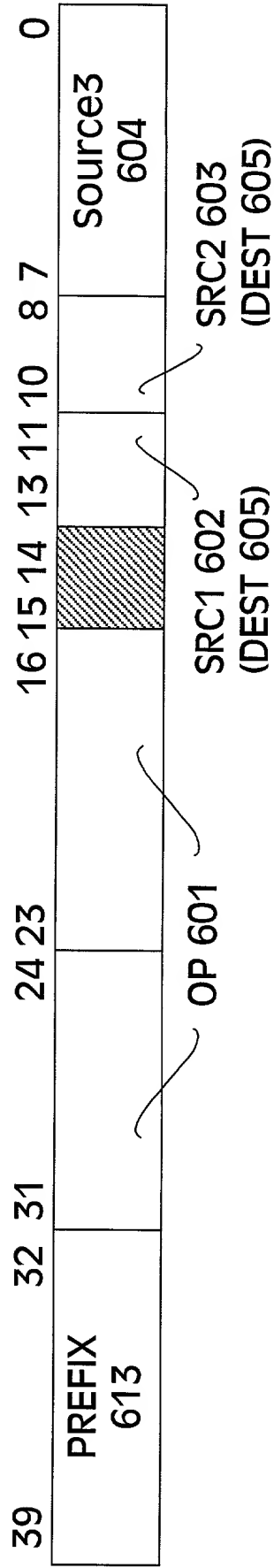


FIG. 6d

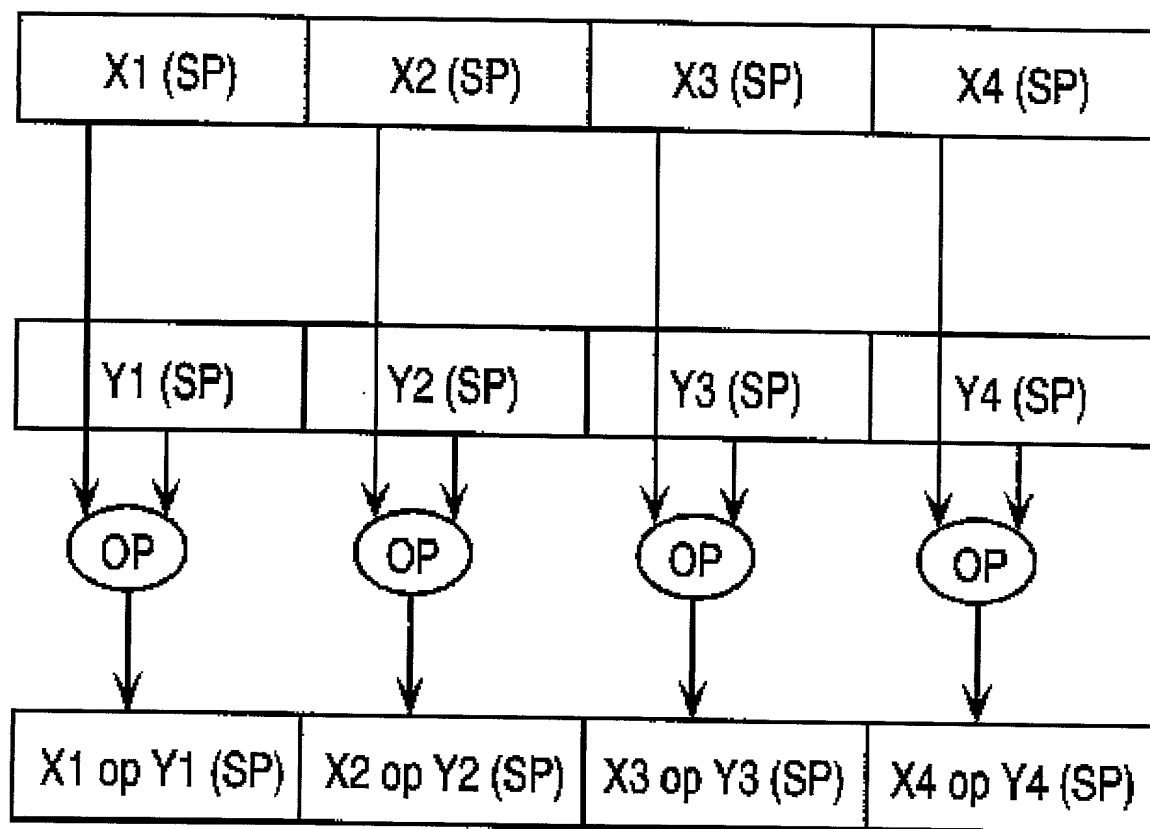


FIG. 7a

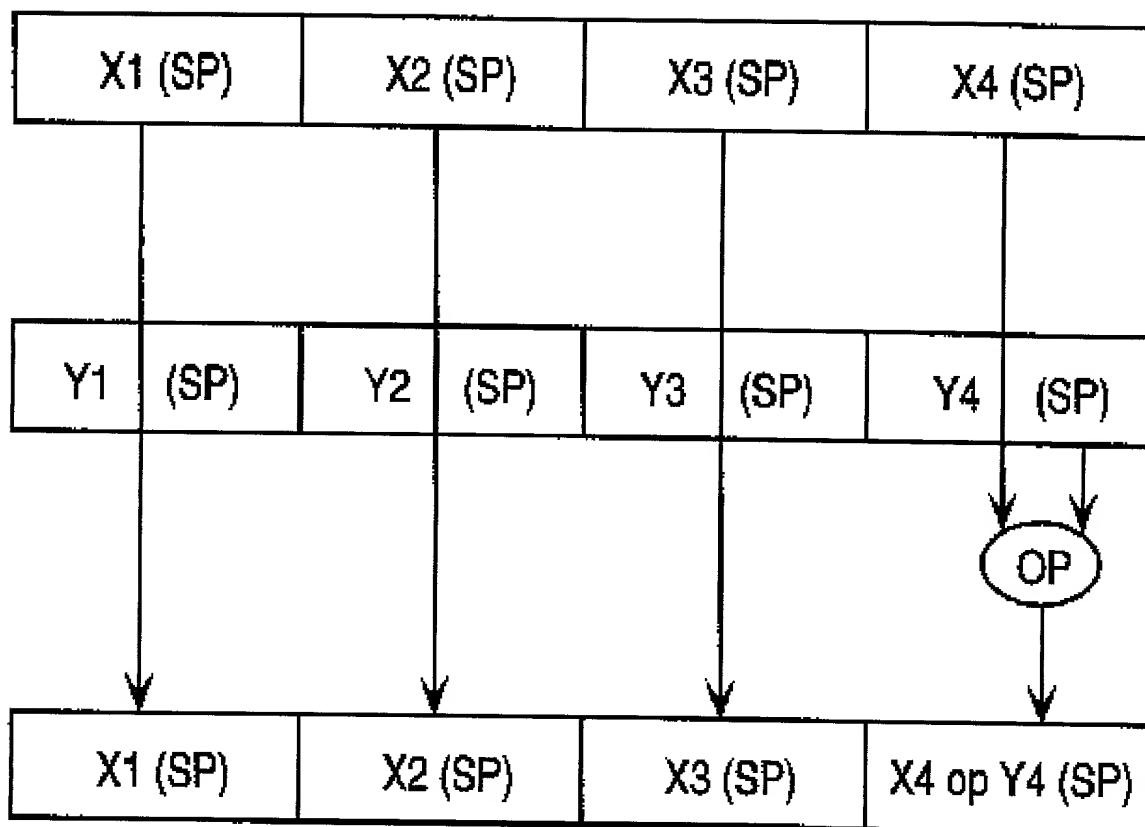
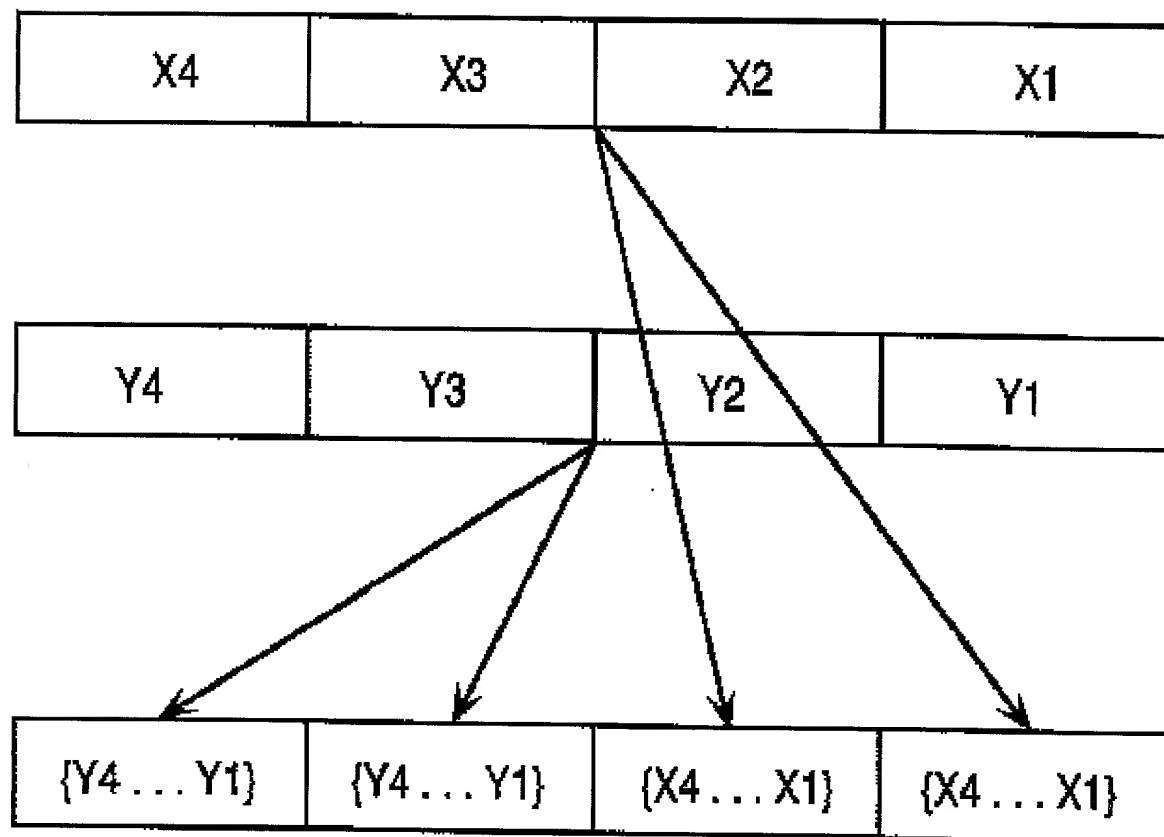
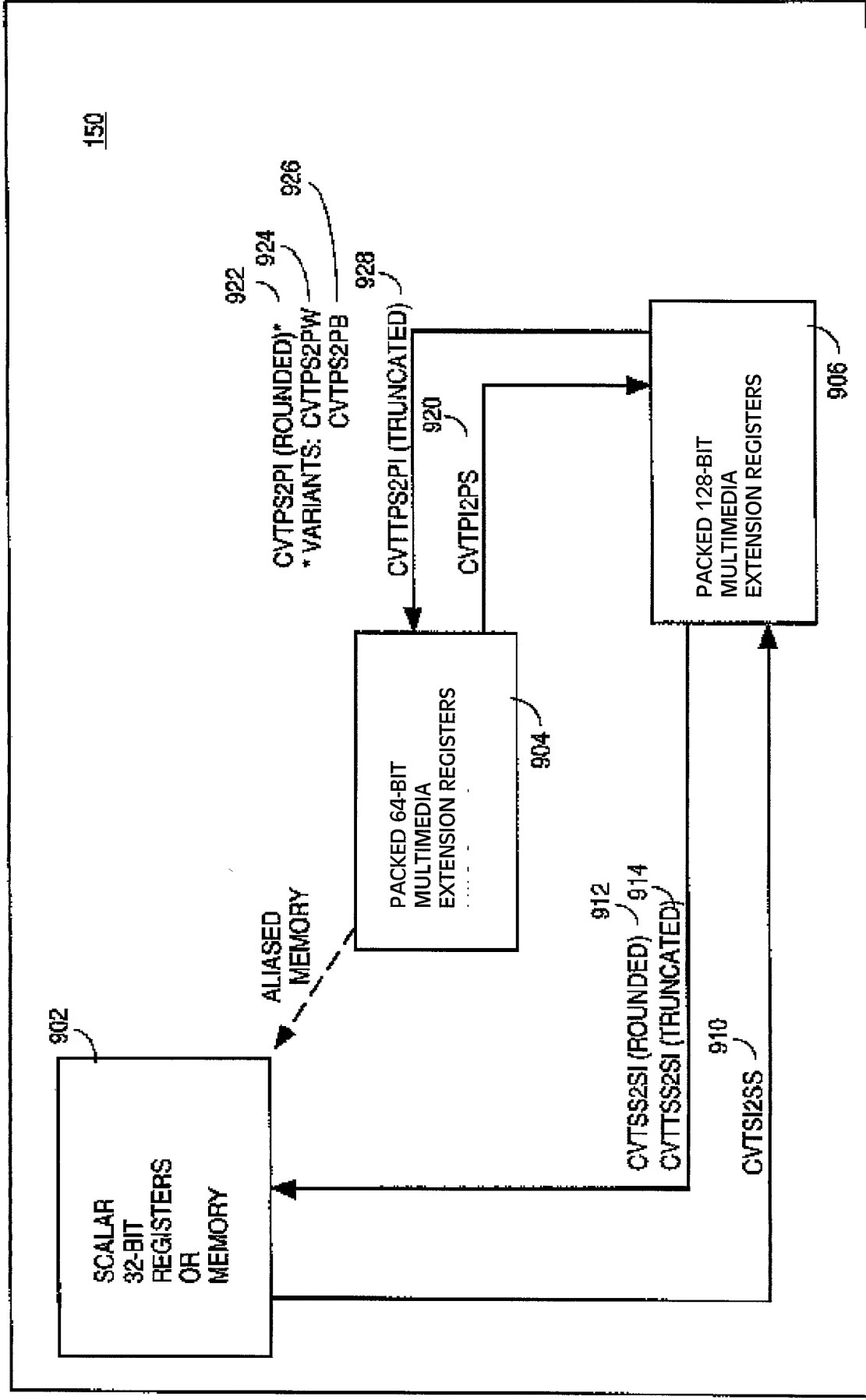


FIG. 7b



**Fig. 8**



150

FIG. 9a

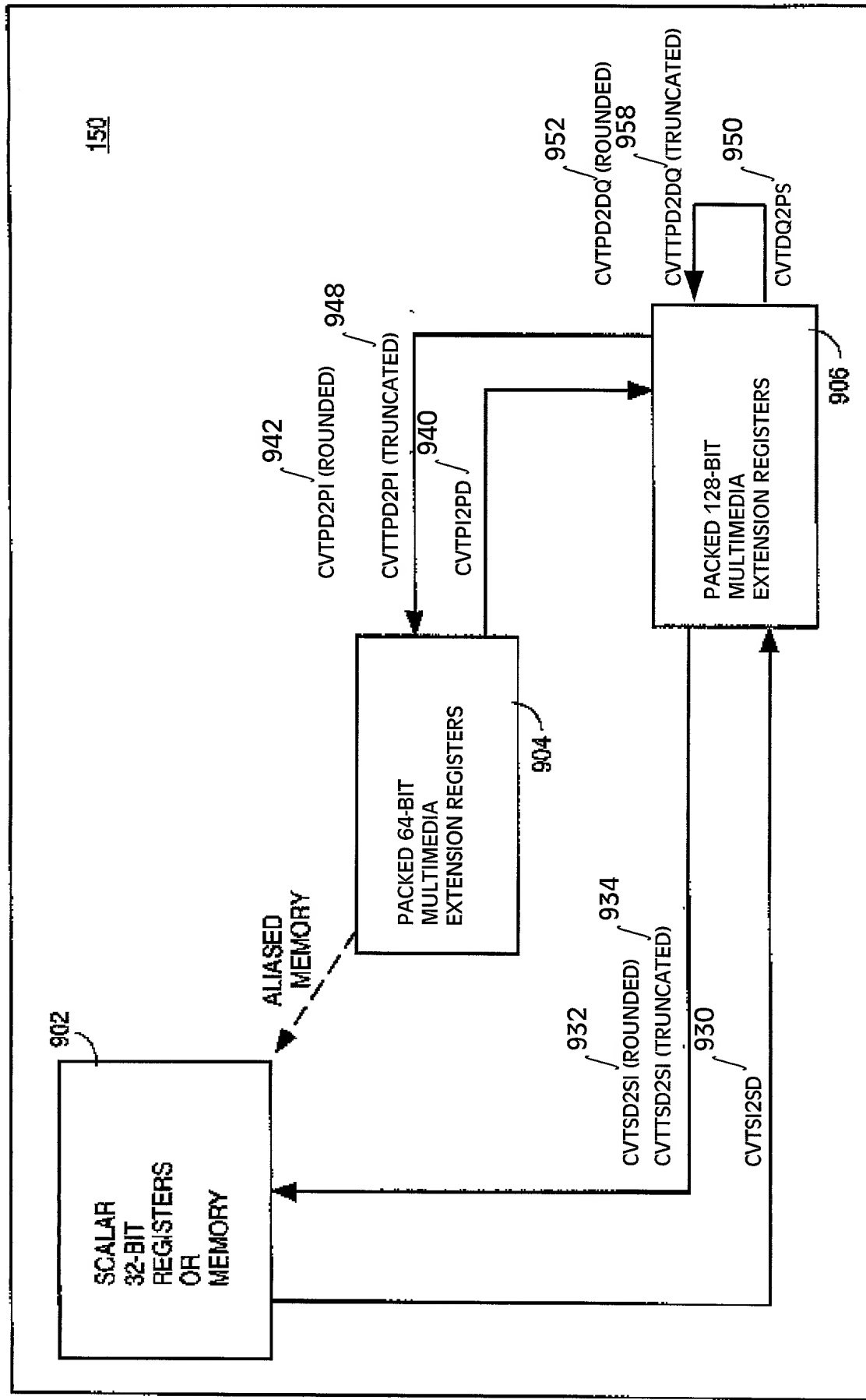


FIG. 9b

FIG. 9C

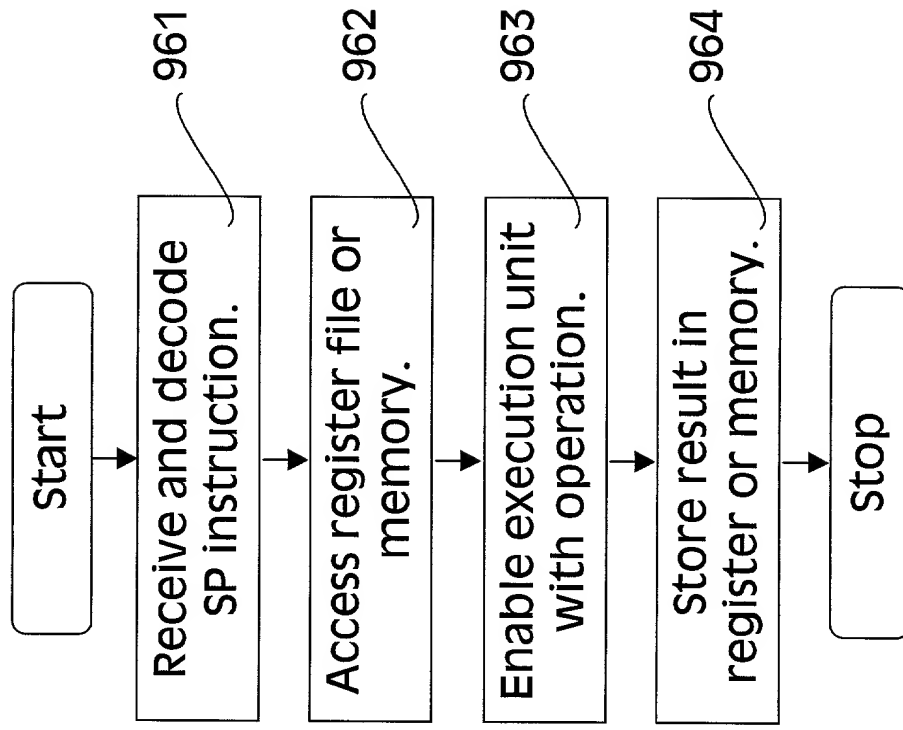




FIG. 9d

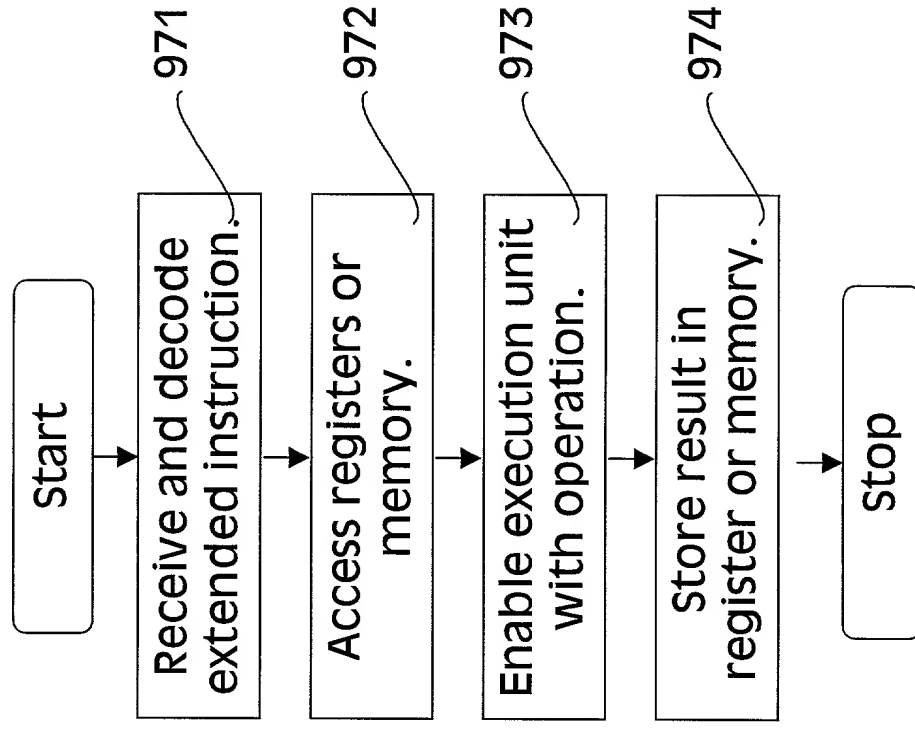
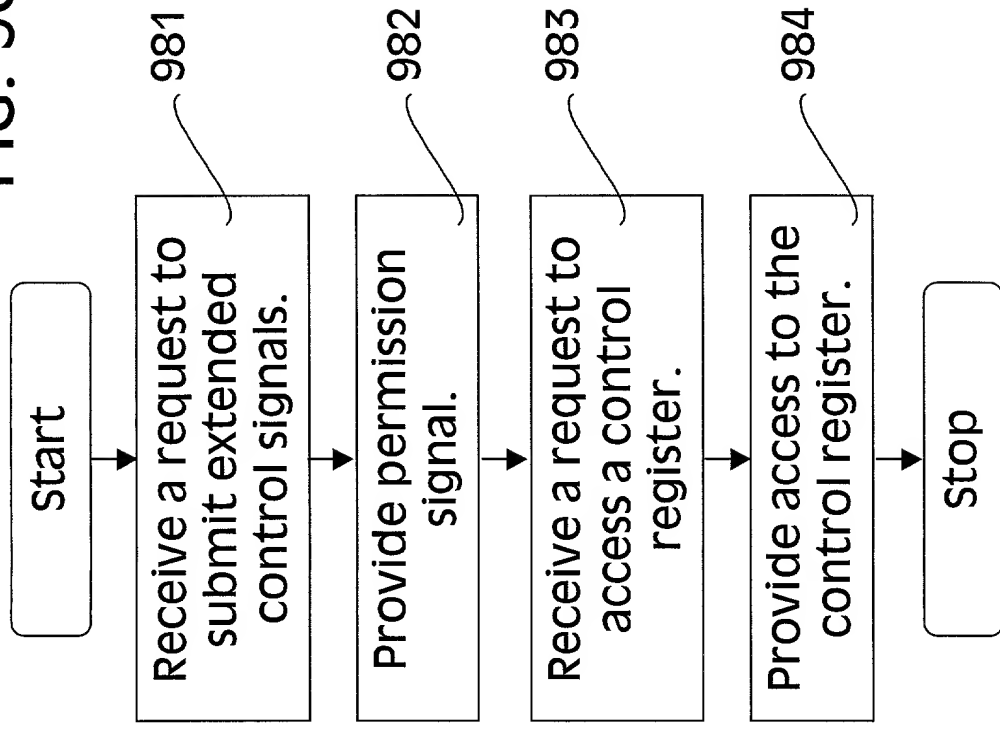
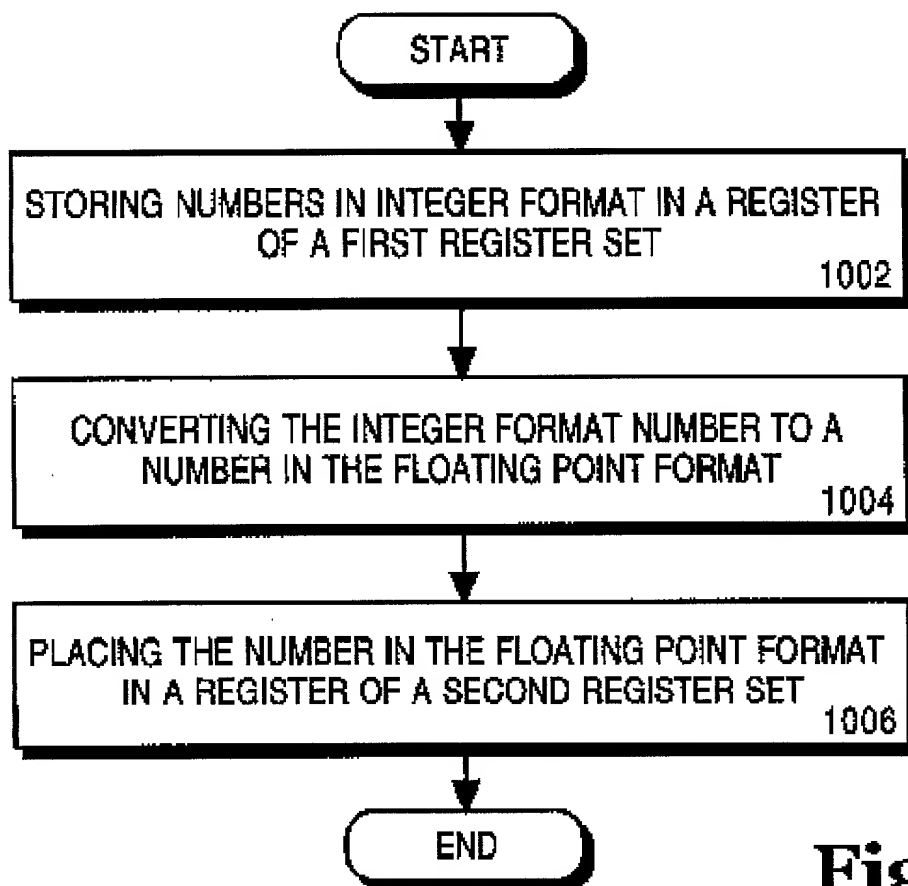
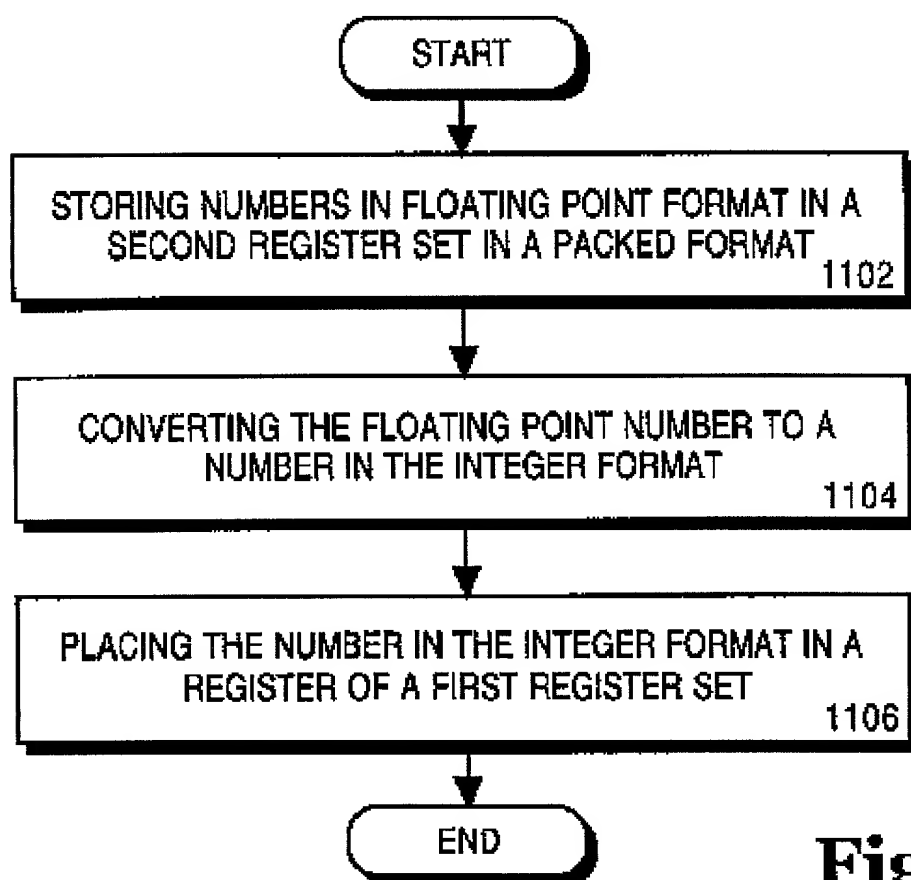


FIG. 9e

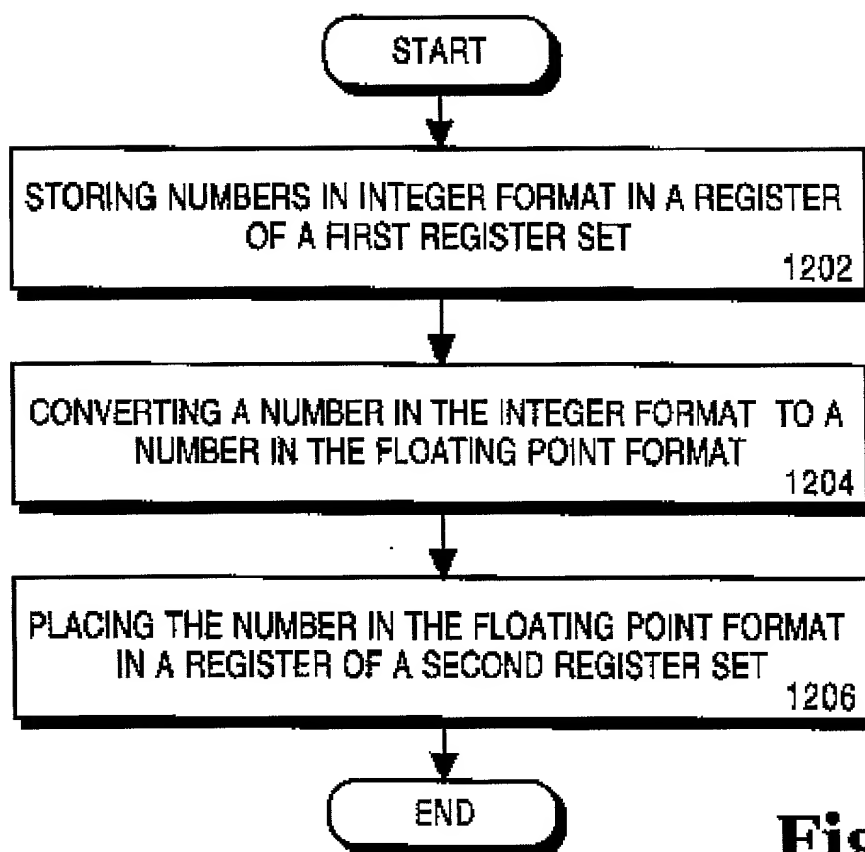




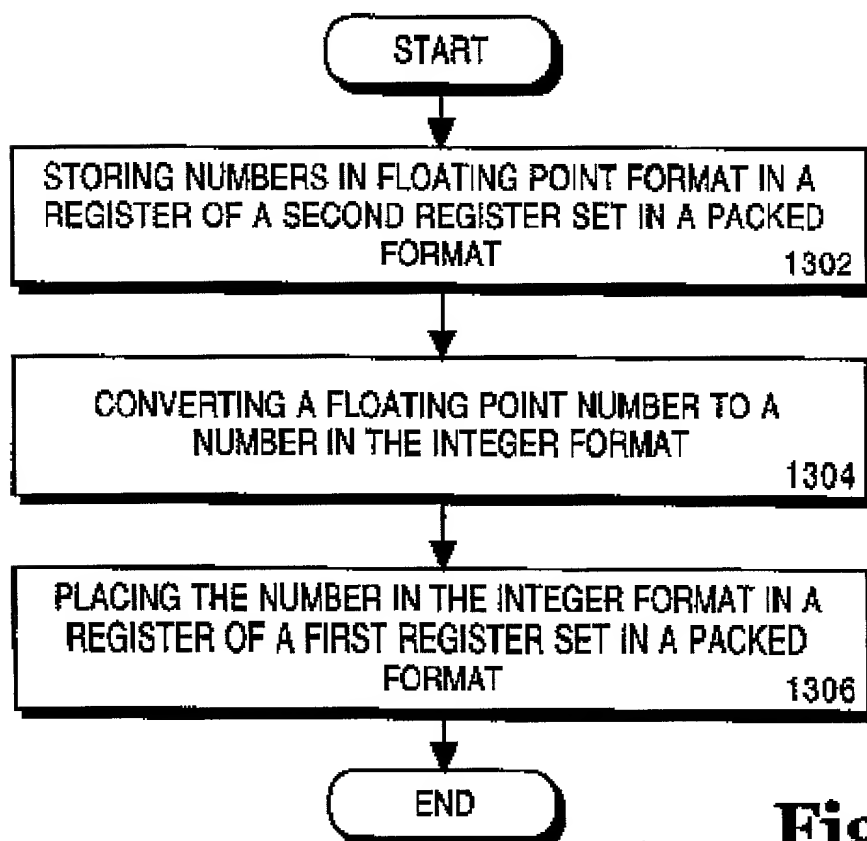
**Fig. 10**



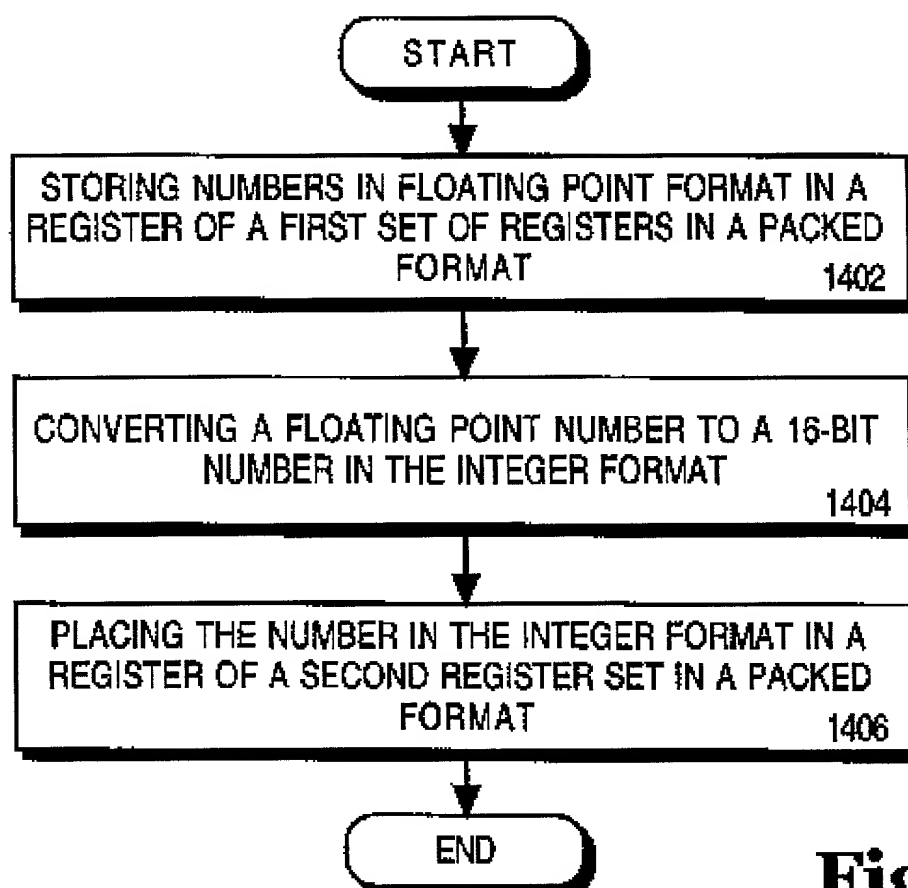
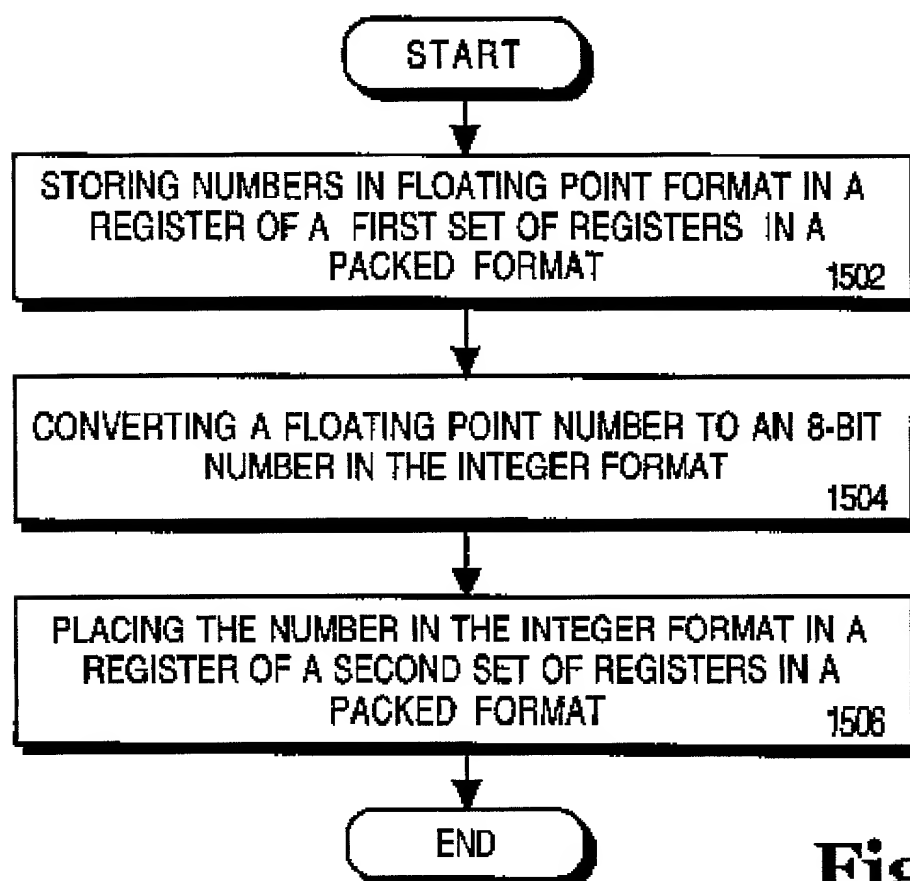
**Fig. 11**

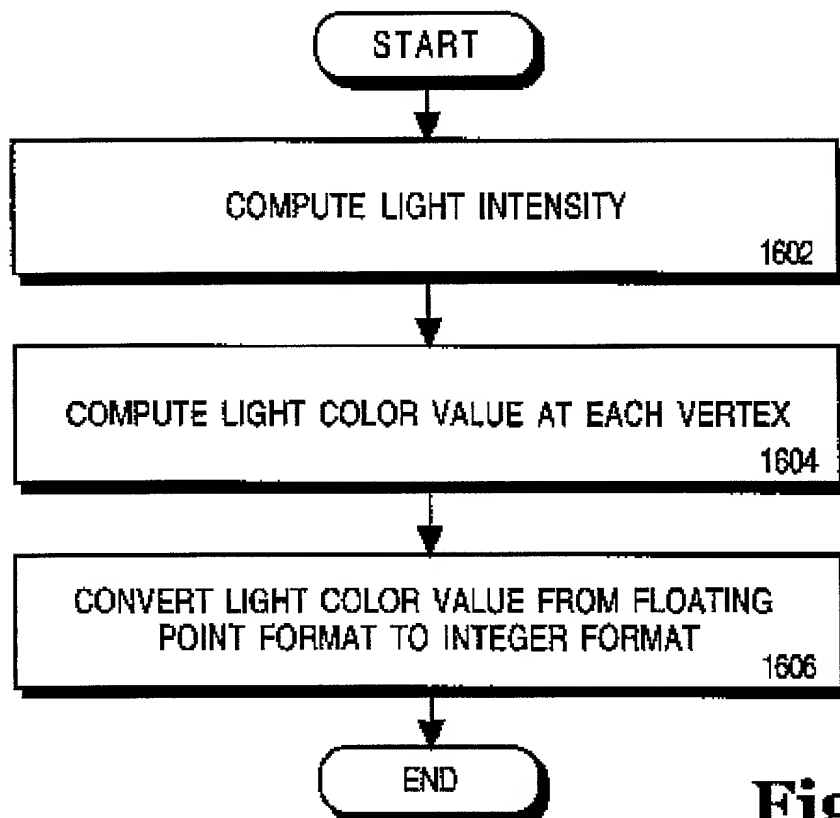


**Fig. 12**

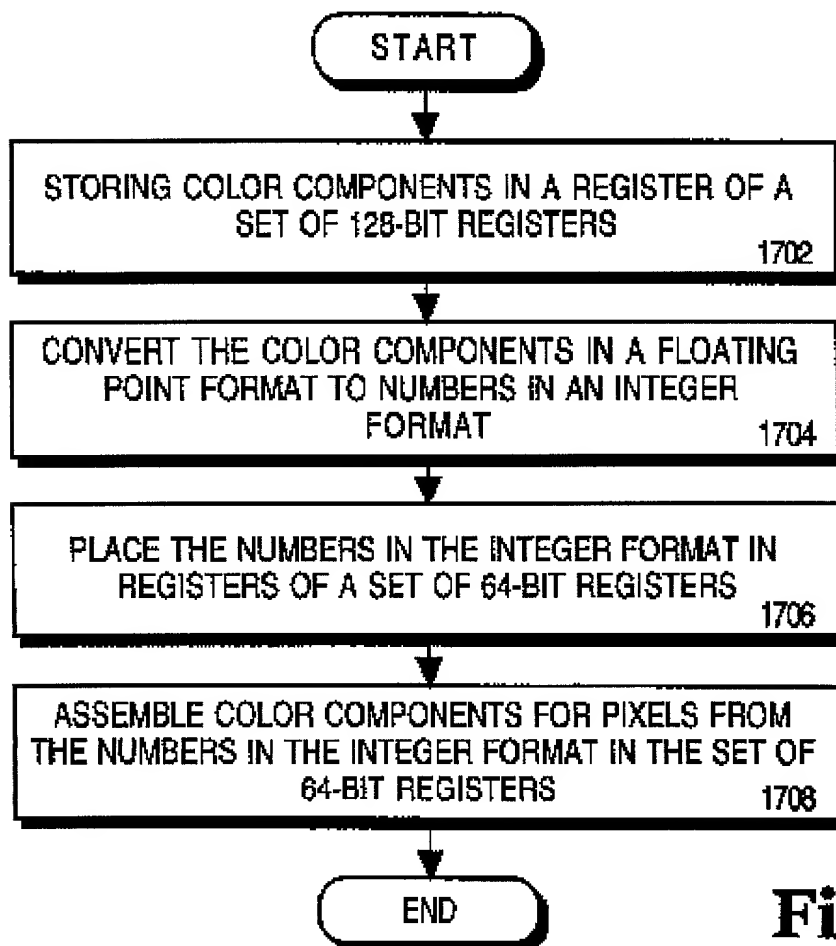


**Fig. 13**

**Fig. 14****Fig. 15**



**Fig. 16**



**Fig. 17**

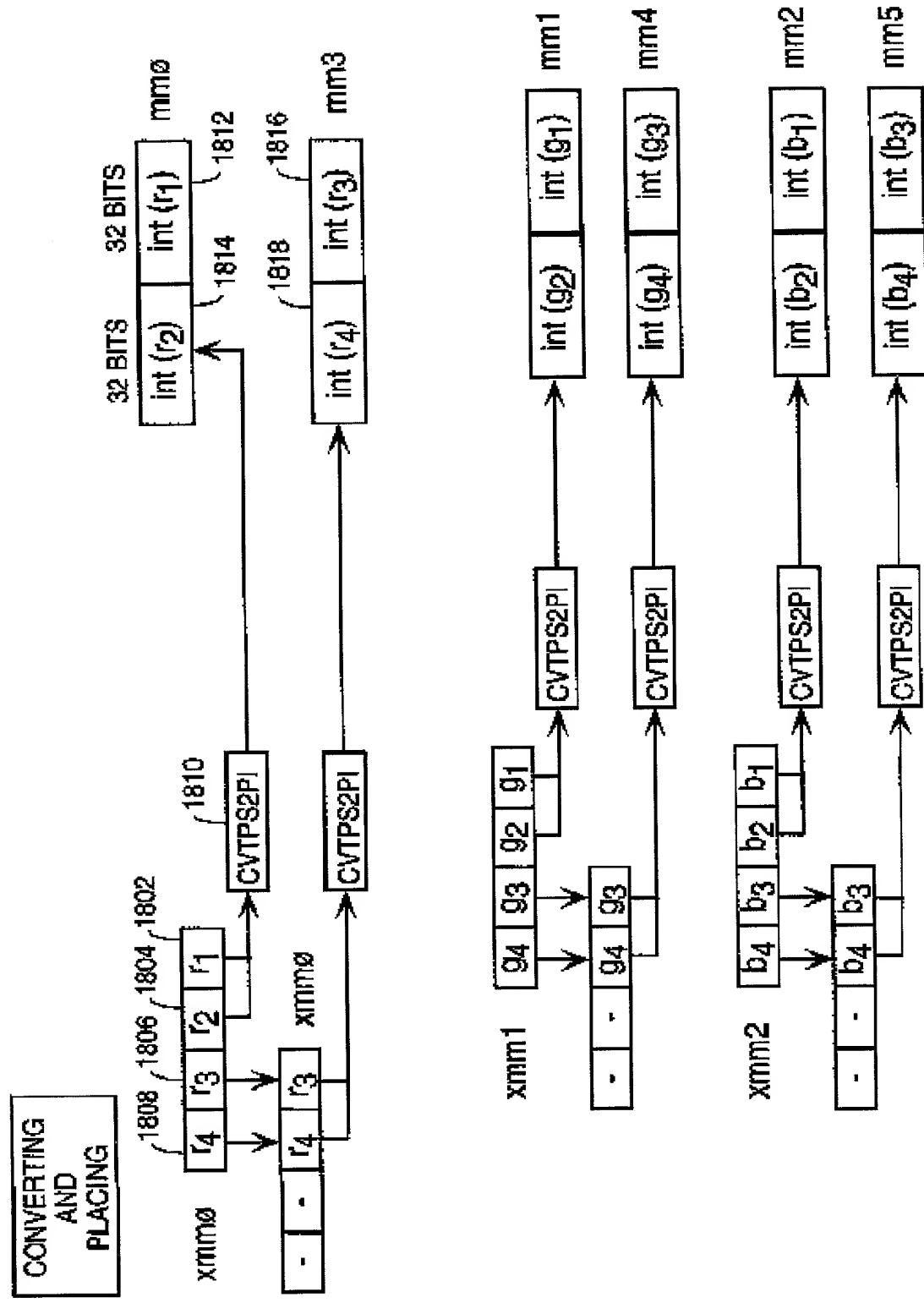


FIG. 18a

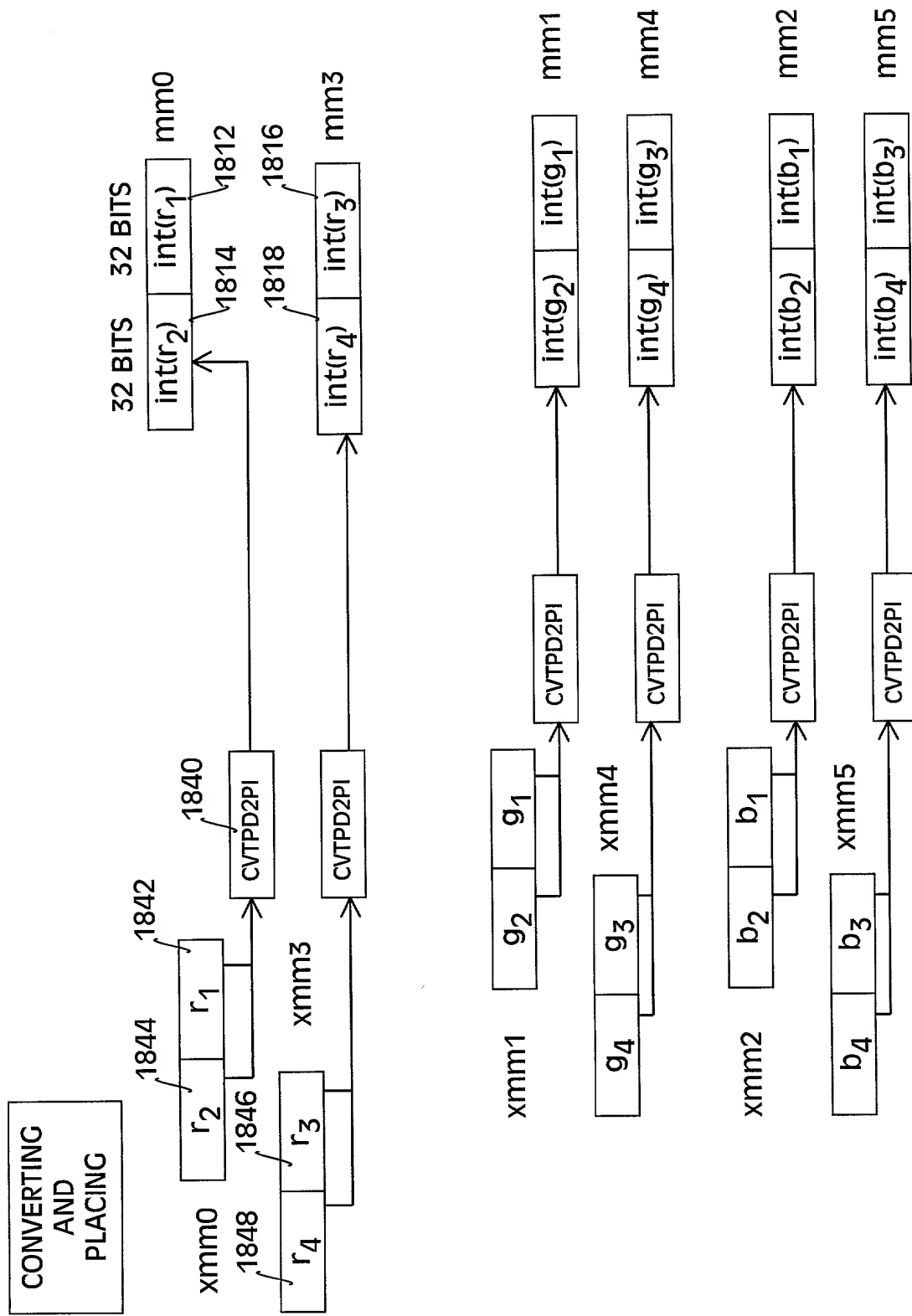


FIG. 18b



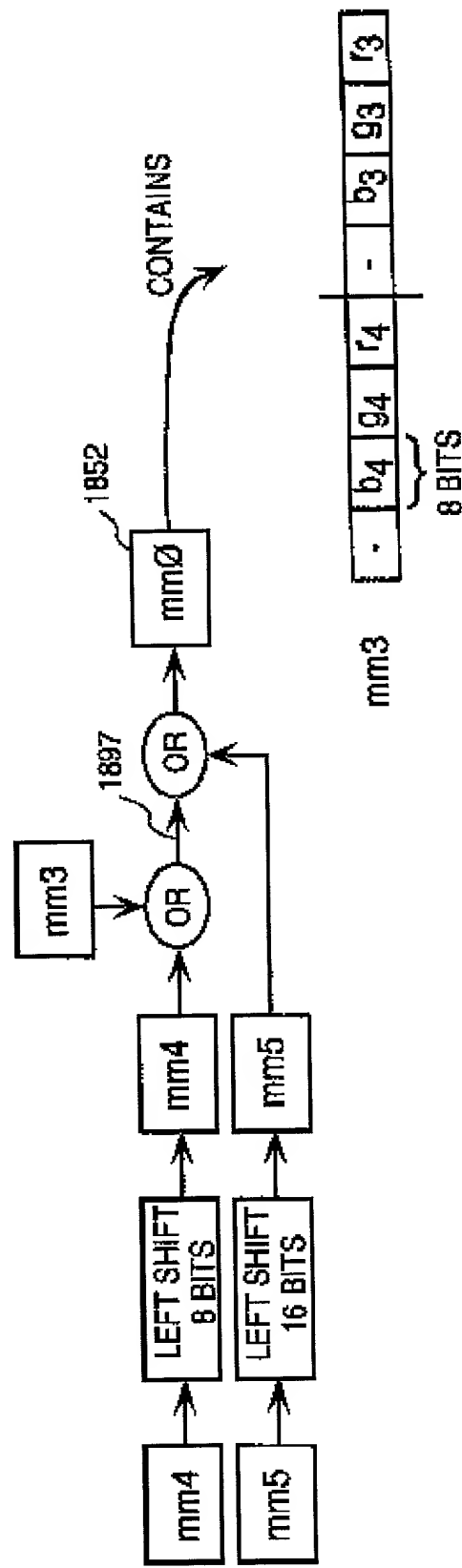
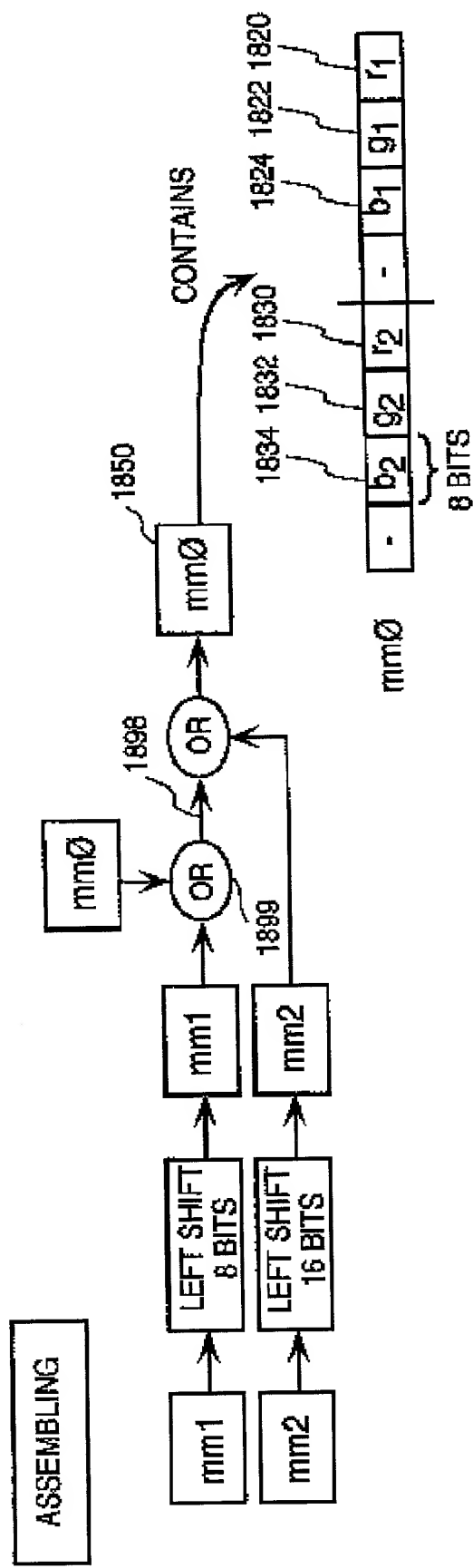
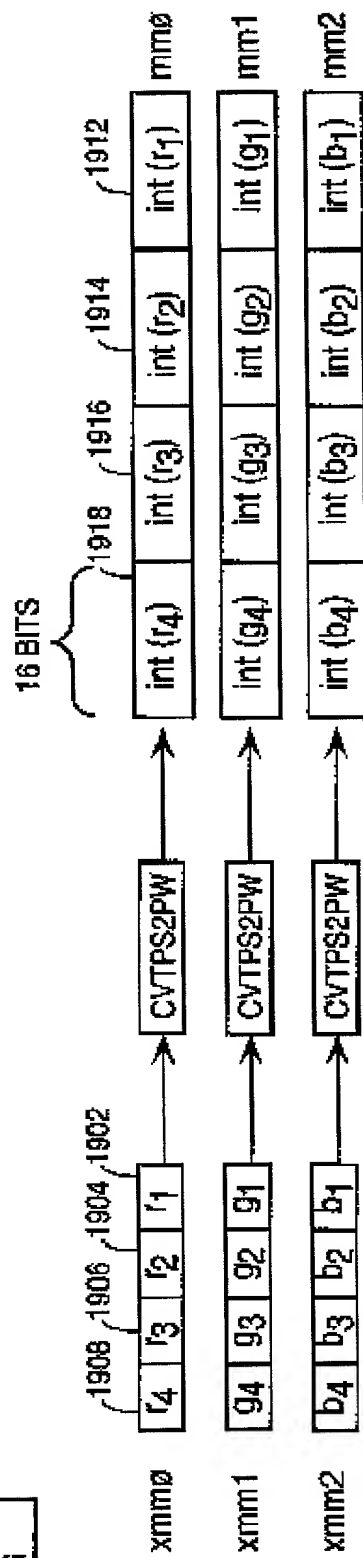


FIG. 180C

CONVERTING  
AND  
PLACING



ASSEMBLING RED AND GREEN COMPONENTS

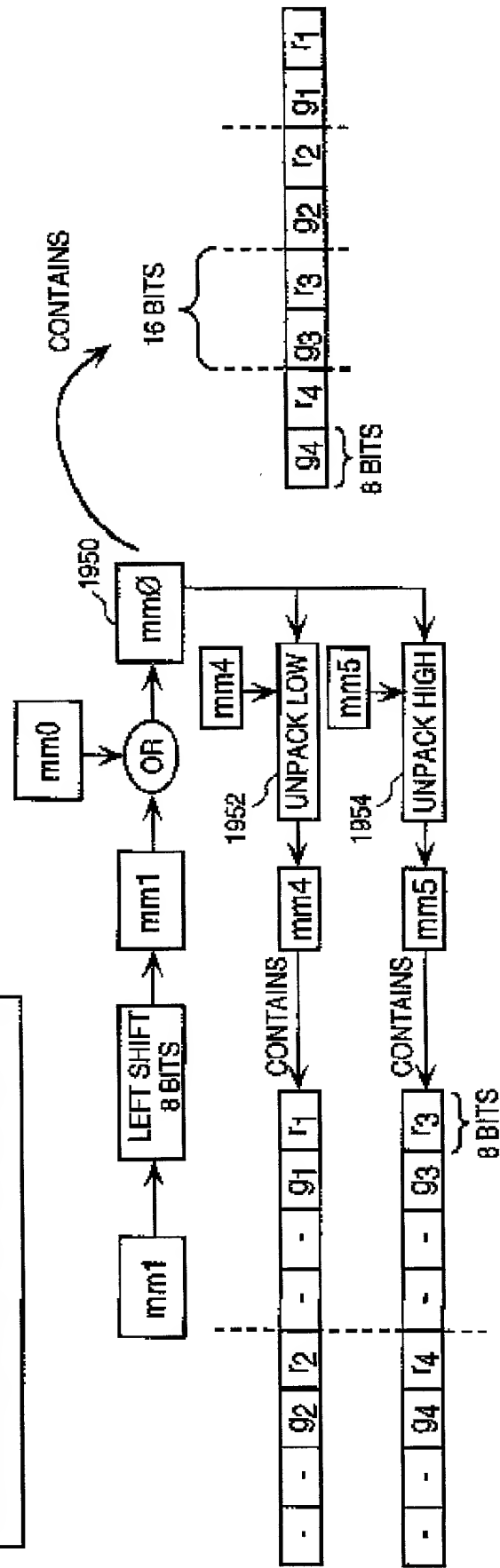


Fig. 19a

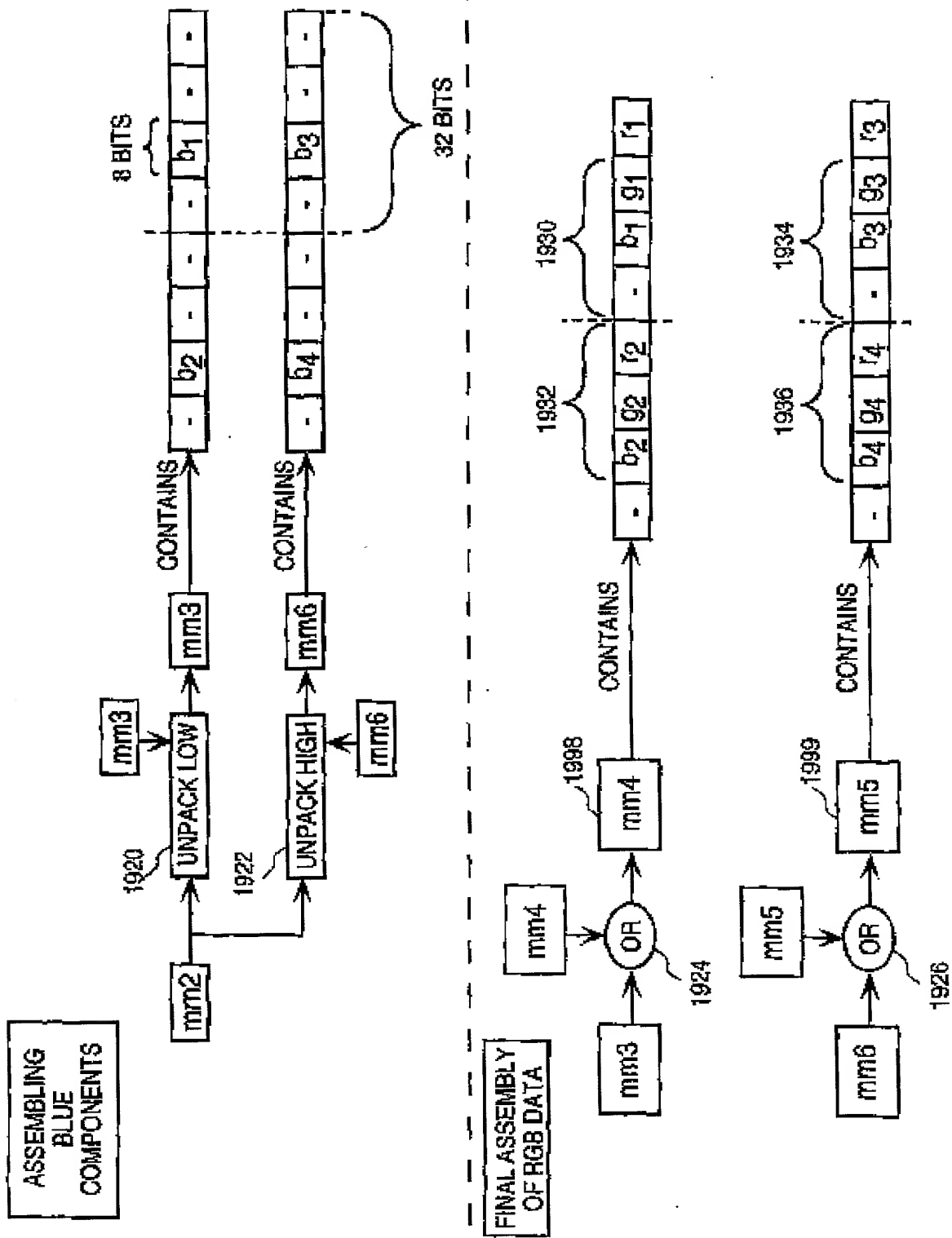


Fig. 19b





2100

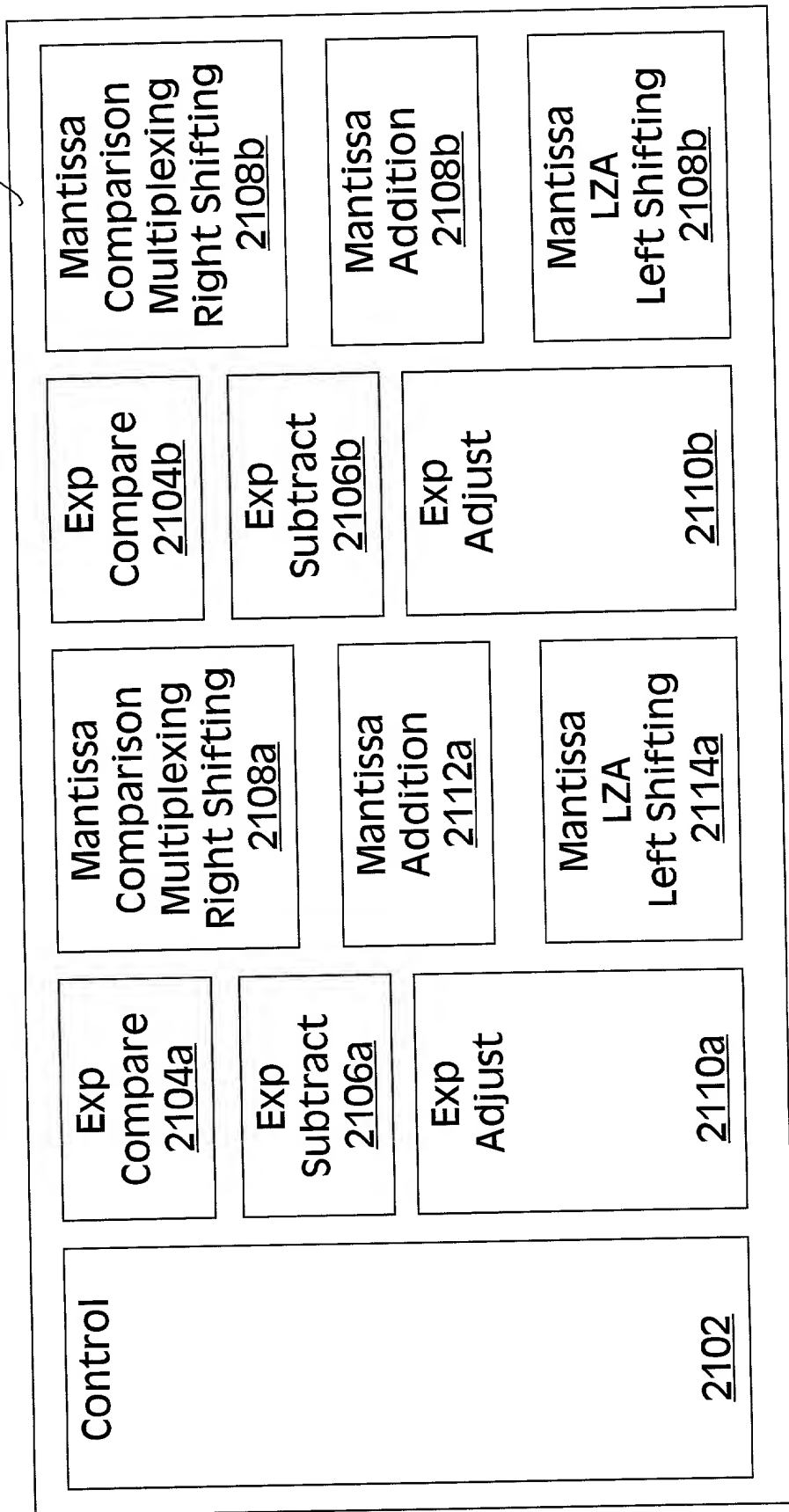


FIG. 21

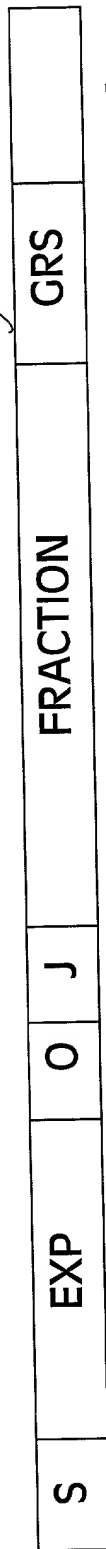
Floating Point Input

2202



FP Adder Right Shifter

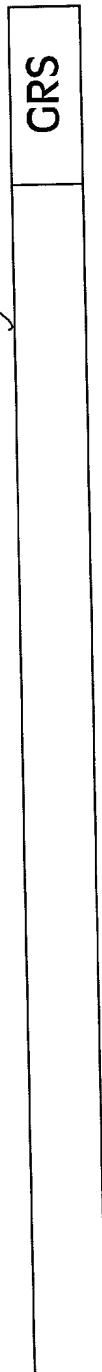
2204



← 4 →

Rounder

2205



Final 32-bit Integer

2206



FIG. 22

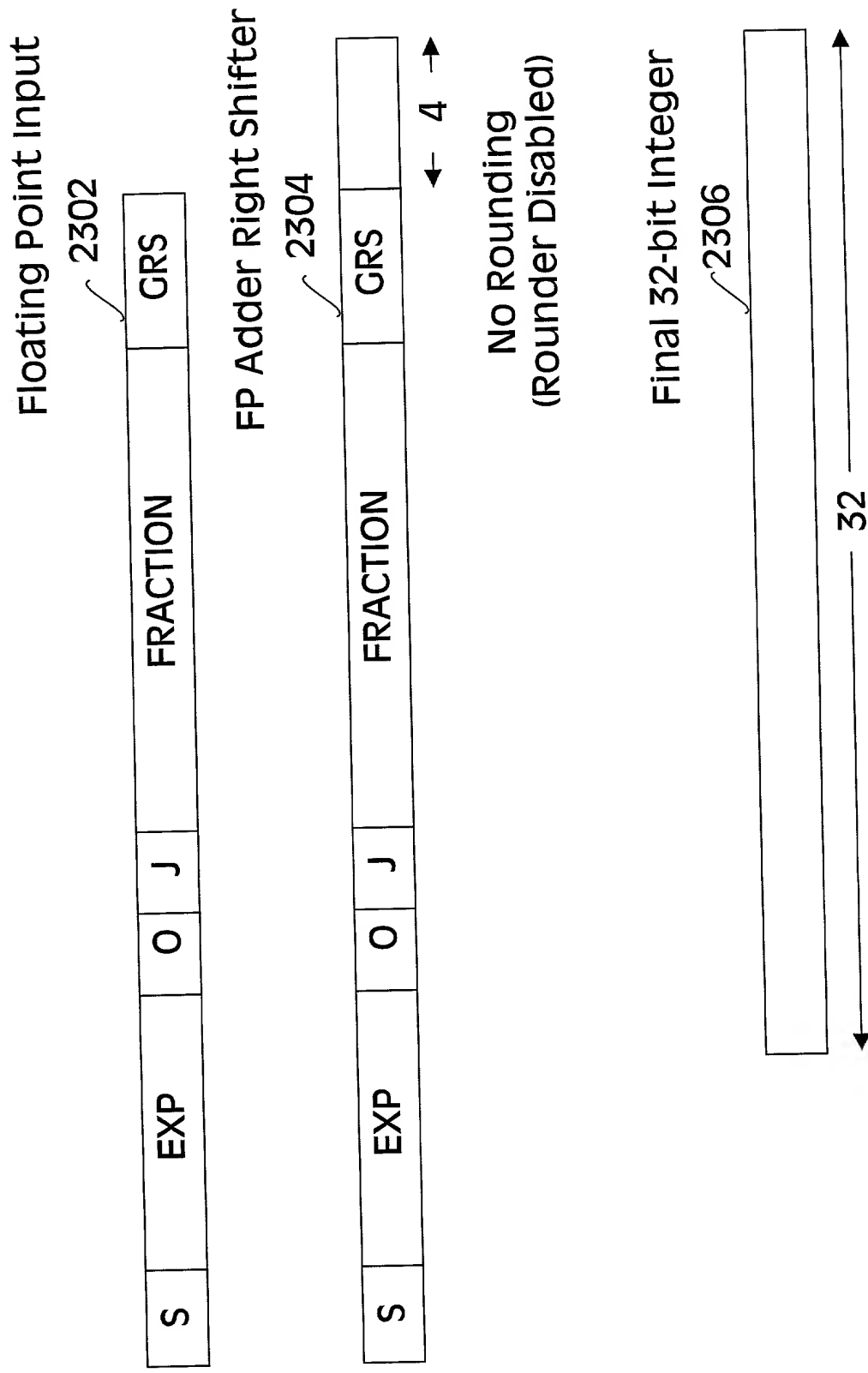


FIG. 23



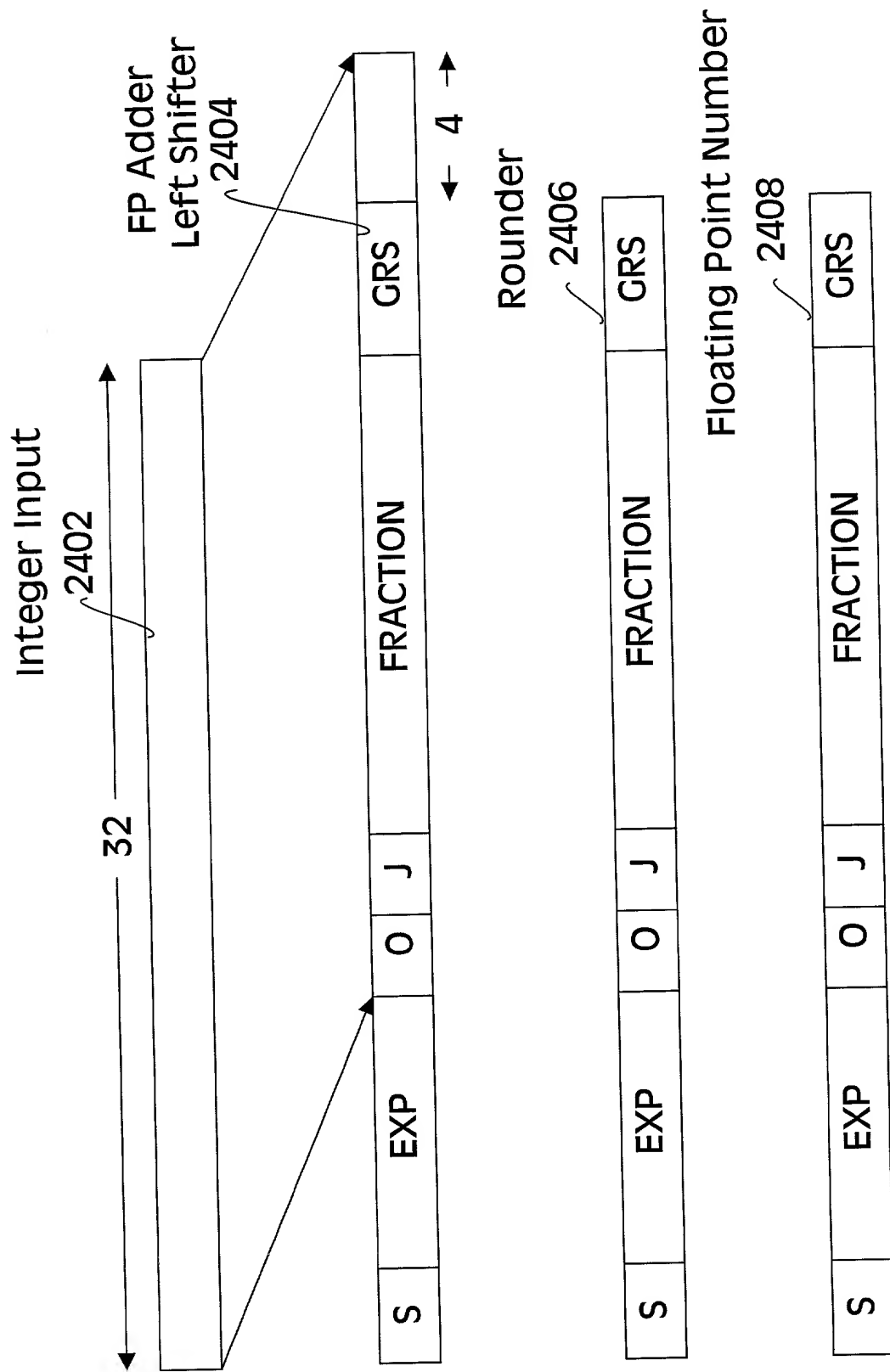


FIG. 24

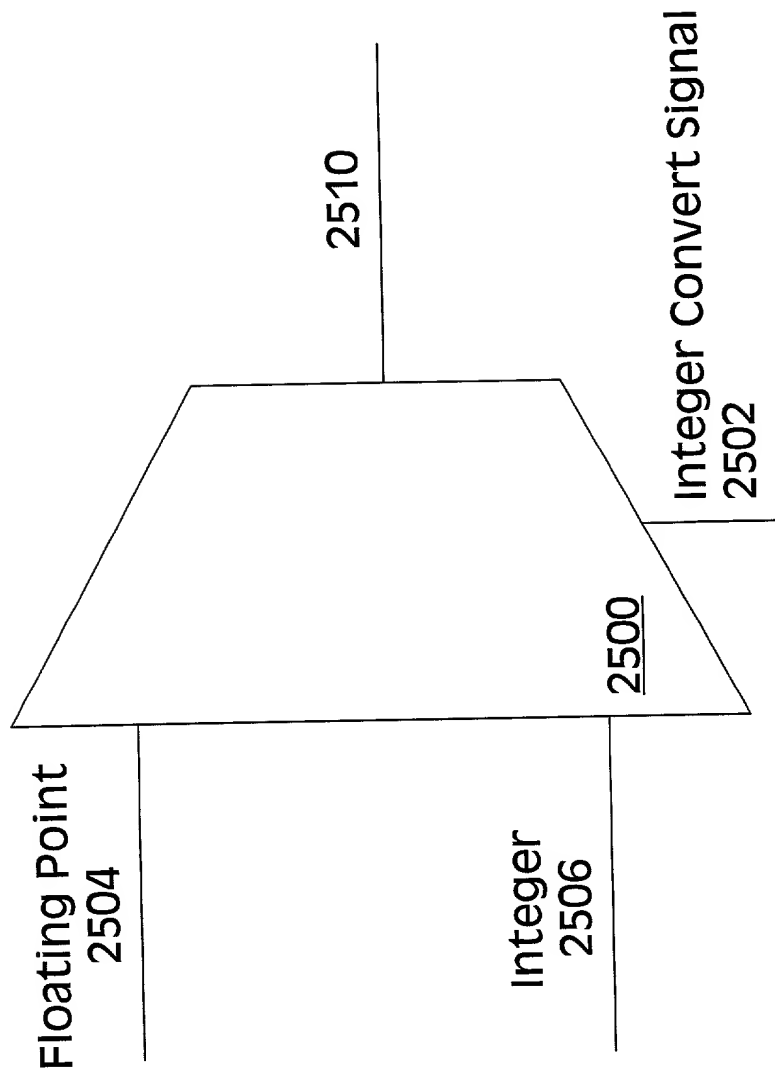


FIG. 25

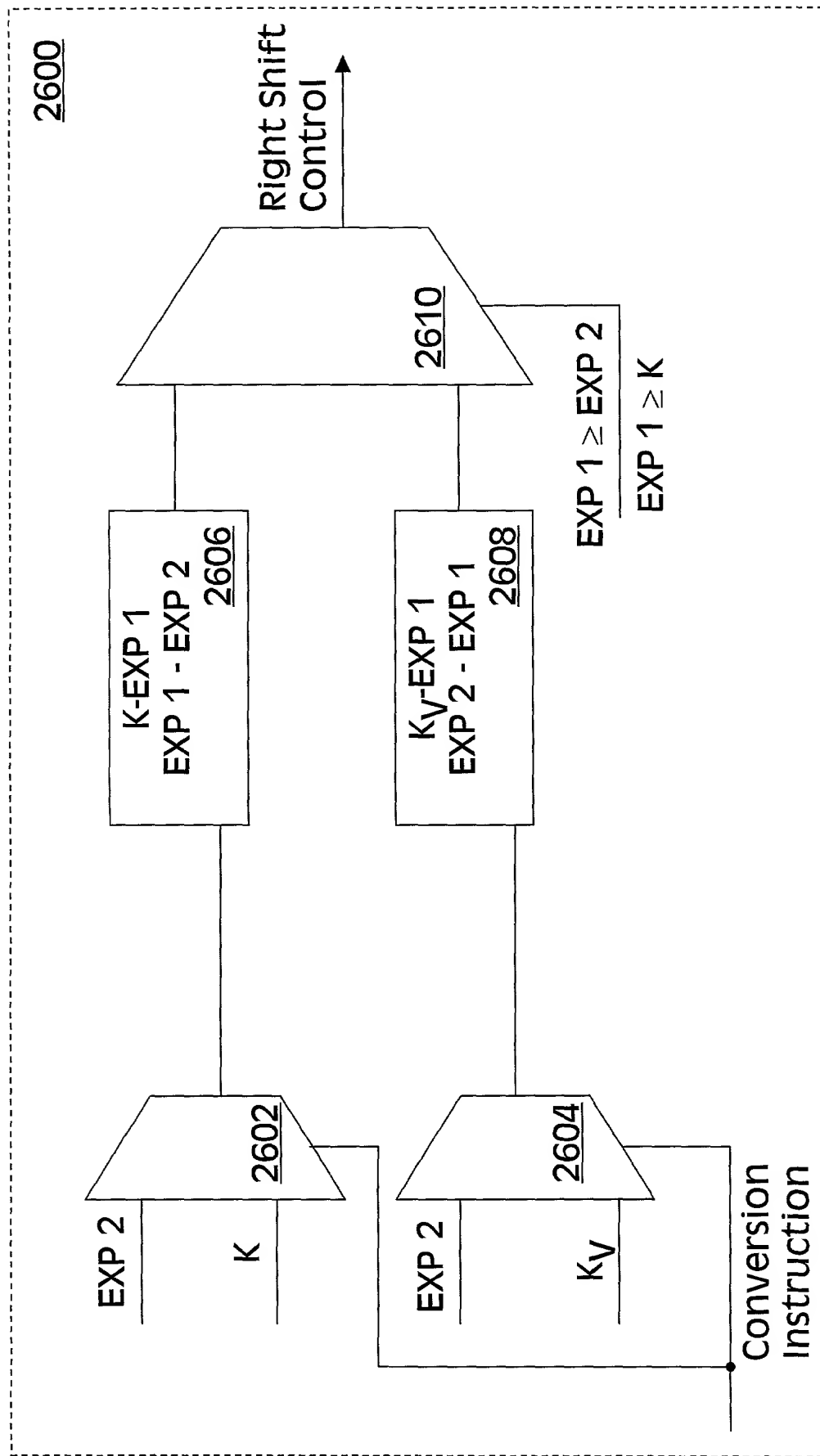


FIG. 26